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CLAIMS

1. A lens-free ophthalmoscope (21, 41) comprising:

means (22, 42) defining a first light path (a);

reflective means (23, 43) arranged to divert light from the first light path (a) along a second light path (b) extending through a first window (24, 44) and into a subject eye (29, 49);

a second window (25, 45) through which an user can view a subject eye (29, 49) along a path (d) extending generally parallel to the second light path (b); and

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- a baffle (23, 26; 43, 46) arranged between the first light path (a) and second window (25, 45) to prevent, or at least substantially reduce, any light exiting the ophthalmoscope through the second window (25, 45).
- 2. A lens-free ophthalmoscope (21, 41) as claimed in claim 1, wherein the first light path (a) defining means (22, 42) comprises a tube.

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3. A lens-free ophthalmoscope (21, 41) as claimed in claim 2, wherein at least the outer surface of the tube (22, 42) is opaque.

4. A lens-free ophthalmoscope (21, 41) as claimed in claim 2 or 3, wherein the inner surface of the tube (22, 42) is non-reflective.

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- 5 5. A lens-free ophthalmoscope (21, 41) as claimed in any preceding claim, wherein said reflective means (23, 43) comprises a mirror.
- 6. A lens-free ophthalmoscope (21, 41) as claimed in claim 5, wherein the mirror (23, 43) is semi-circular.
 - 7. A lens-free ophthalmoscope (21, 41) as claimed in any preceding claim, wherein said reflective means (23, 43) is inclined at approximately 45° to the first light path (a) and/or the second light path(b).
 - 8. A lens-free ophthalmoscope (21, 41) as claimed in any of claims 1 to 4, wherein the reflective means (23, 43) comprises a prism.

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- 9. A lens-free ophthalmoscope (21, 41) according to any preceding claim, wherein the first window (24, 44) is an aperture.
- 10. A lens-free ophthalmoscope (21, 41) according to any preceding claim, wherein the second window (25, 45) is an aperture.
- 11. A lens-free ophthalmoscope (21, 41) according to any preceding claim, wherein said reflective means (23, 43) is mounted on the baffle (23, 26; 43, 46).

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12. A lens-free ophthalmoscope (21, 41) according to any preceding claim, wherein the baffle (23, 26) comprises a flange (26).

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- 13. A lens-free ophthalmoscope (21, 41) according to any of claims 1 to 11, wherein the baffle (43, 46) comprises a block (46).
- 10 14. A lens-free ophthalmoscope (21, 41) according to any preceding claim, wherein, in use, the baffle (23, 26; 43, 46) ensures that substantially all light passing along the first light path (a) is diverted along the second light path (b), with no or substantially no light exiting the second window (25, 45).